

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A display device comprising:

a pixel portion; and

a source signal line driving circuit comprising:

a first unit comprising:

a plurality of first latch circuits;

a plurality of first stages of a shift register which output pulses in accordance with clock signals, wherein the pulses decide timing of latching of the plurality of first latch circuits; [[and]]

a plurality of first level shifters for executing level conversion of signals inputted into the plurality of first latch circuits; and

a first current source for controlling supply of current to the plurality of first level shifters; and

a second unit comprising:

a plurality of second latch circuits;

a plurality of second stages of the shift register which output pulses in accordance with the clock signals, wherein the pulses decide timing of latching of the plurality of second latch circuits; and

a plurality of second level shifters for executing level conversion of signals inputted into the plurality of second latch circuits; circuits;

a second current source for controlling supply of current to the plurality of second level shifters.

wherein the first [[unit]] current source is configured to stop supply of currents to the plurality of first level shifters while the plurality of second stages of the shift register output the pulses, and

wherein the second [[unit]] current source is configured to stop supply of currents to the plurality of second level shifters while the plurality of first stages of the shift register output the pulses.

2. (Previously Presented) A display device according to claim 1, wherein said source signal line driving circuit and said pixel portion are provided over a member selected from the group consisting of a glass substrate, a plastic substrate, a stainless steel substrate and a single crystal wafer.

3. (Previously Presented) A display device according to claim 1, wherein said source signal line driving circuit and said pixel portion are provided over a same substrate.

4. (Previously Presented) A display device according to claim 1, wherein said source signal line driving circuit and said pixel portion are provided over different substrates.

5. (Previously Presented) A display device according to claim 1, wherein said display device is a liquid crystal display device.

6. (Previously Presented) A display device according to claim 1, wherein said display device is incorporated into a personal computer.

7. (Previously Presented) A display device according to claim 1, wherein said display device is incorporated into a portable information terminal.

8. (Previously Presented) A display device according to claim 1, wherein said display device is incorporated into a car audio set.

9. (Previously Presented) A display device according to claim 1, wherein said display device is incorporated into a digital camera.

10. (Currently Amended) A display device comprising:

a pixel portion; and

a source signal line driving circuit comprising:

first to x-th (x: natural number, $x \geq 2$) units, each of the first to x-th units comprising:

a plurality of latch circuits;

a plurality of stages of a shift register which output pulses in accordance with clock signals, wherein the pulses decide timing of latching of the plurality of latch circuits; [[and]]

a plurality of level shifters for executing level conversion of signals inputted into the plurality of latch circuits, and

a current source for controlling supply of current to the plurality of level shifters,

wherein each of the first to x-th units the current source in one unit is configured to stop supply of currents to the plurality of level shifters while the plurality of stages of the shift register in the other units output the pulses.

11. (Previously Presented) A display device according to claim 10, wherein said source signal line driving circuit and said pixel portion are provided over a member selected from the group consisting of a glass substrate, a plastic substrate, a stainless steel substrate and a single crystal wafer.

12. (Previously Presented) A display device according to claim 10, wherein said source signal line driving circuit and said pixel portion are provided over a same substrate.

13. (Previously Presented) A display device according to claim 10, wherein said source signal line driving circuit and said pixel portion are provided over different substrates.

14. (Previously Presented) A display device according to claim 10, wherein said display device is a liquid crystal display device.

15. (Previously Presented) A display device according to claim 10, wherein said display device is incorporated into a personal computer.

16. (Previously Presented) A display device according to claim 10, wherein said display device is incorporated into a portable information terminal.

17. (Previously Presented) A display device according to claim 10, wherein said display device is incorporated into a car audio set.

18. (Previously Presented) A display device according to claim 10, wherein said display device is incorporated into a digital camera.

19.-72. (Canceled)

73. (Currently Amended) A display device comprising:
a pixel portion; and

a source signal line driving circuit comprising:

a first unit comprising:

a plurality of first latch circuits;

a plurality of first stages of a decoder which output pulses in accordance with input signals, wherein the pulses decide timing of latching of the plurality of first latch circuits; [[and]]

a plurality of first level shifters for executing level conversion of signals inputted into the plurality of first latch circuits; and

a first current source for controlling supply of current to the plurality of first level shifters; and

a second unit comprising:

a plurality of second latch circuits;

a plurality of second stages of the decoder which output pulses in accordance with the input signals, wherein the pulses decide timing of latching of the plurality of second latch circuits; [[and]]

a plurality of second level shifters for executing level conversion of signals inputted into the plurality of second latch circuits, and

a second current source for controlling supply of current to the plurality of second level shifters,

wherein the first [[unit]] current source is configured to stop supply of currents to the plurality of first level shifters while the plurality of second stages of the decoder output the pulses, and

wherein the second [[unit]] current source is configured to stop supply of currents to the plurality of second level shifters while the plurality of first stages of the decoder output the pulses.

74. (Previously Presented) A display device according to claim 73, wherein said source signal line driving circuit and said pixel portion are provided over a member

selected from the group consisting of a glass substrate, a plastic substrate, a stainless steel substrate and a single crystal wafer.

75. (Previously Presented) A display device according to claim 73, wherein said source signal line driving circuit and said pixel portion are provided over a same substrate.

76. (Previously Presented) A display device according to claim 73, wherein said source signal line driving circuit and said pixel portion are provided over different substrates.

77. (Previously Presented) A display device according to claim 73, wherein said display device is a liquid crystal display device.

78. (Previously Presented) A display device according to claim 73, wherein said display device is incorporated into a personal computer.

79. (Previously Presented) A display device according to claim 73, wherein said display device is incorporated into a portable information terminal.

80. (Previously Presented) A display device according to claim 73, wherein said display device is incorporated into a car audio set.

81. (Previously Presented) A display device according to claim 73, wherein said display device is incorporated into a digital camera.

82. (Currently Amended) A display device comprising:
a pixel portion; and

a source signal line driving circuit comprising:

first to x-th (x: natural number, $x \geq 2$) units, each of the first to x-th units comprising:

a plurality of latch circuits;

a plurality of stages of a decoder which output pulses in accordance with input signals, wherein the pulses decide timing of latching of the plurality of latch circuits; [[and]]

a plurality of level shifters for executing level conversion of signals inputted into the plurality of latch circuits; circuits; and

a current source for controlling supply of current to the plurality of level shifters,

wherein each of the first to x-th units the current source in one unit is configured to stop supply of currents to the plurality of level shifters while the plurality of stages of the decoder in the other units output the pulses.

83. (Previously Presented) A display device according to claim 82, wherein said source signal line driving circuit and said pixel portion are provided over a member selected from the group consisting of a glass substrate, a plastic substrate, a stainless steel substrate and a single crystal wafer.

84. (Previously Presented) A display device according to claim 82, wherein said source signal line driving circuit and said pixel portion are provided over a same substrate.

85. (Previously Presented) A display device according to claim 82, wherein said source signal line driving circuit and said pixel portion are provided over different substrates.

86. (Previously Presented) A display device according to claim 82, wherein said display device is a liquid crystal display device.

87. (Previously Presented) A display device according to claim 82, wherein said display device is incorporated into a personal computer.

88. (Previously Presented) A display device according to claim 82, wherein said display device is incorporated into a portable information terminal.

89. (Previously Presented) A display device according to claim 82, wherein said display device is incorporated into a car audio set.

90. (Previously Presented) A display device according to claim 82, wherein said display device is incorporated into a digital camera.

91.-144. (Canceled)

145. (Currently Amended) A semiconductor device comprising:

a first unit comprising:

a plurality of first latch circuits;

a plurality of first stages of a shift register which output pulses in accordance with clock signals, wherein the pulses decide timing of latching of the plurality of first latch circuits; [[and]]

a plurality of first level shifters for executing level conversion of signals inputted into the plurality of first latch circuits; and

a first current source for controlling supply of current to the plurality of first level shifters; and

a second unit comprising:

a plurality of second latch circuits;

a plurality of second stages of the shift register which output pulses in accordance with the clock signals, wherein the pulses decide timing of latching of the plurality of second latch circuits; [[and]]

a plurality of second level shifters for executing level conversion of signals inputted into the plurality of second latch circuits, circuits; and

a second current source for controlling supply of current to the plurality of second level shifters,

wherein the first [[unit]] current source is configured to stop supply of currents to the plurality of first level shifters while the plurality of second stages of the shift register output the pulses, and

wherein the second [[unit]] current source is configured to stop supply of currents to the plurality of second level shifters while the plurality of first stages of the shift register output the pulses.

146. (Canceled)

147. (Previously Presented) A semiconductor device according to claim 145, wherein said semiconductor device is a liquid crystal display device.

148. (Previously Presented) A semiconductor device according to claim 145, wherein said display device is incorporated into a personal computer.

149. (Previously Presented) A semiconductor device according to claim 145, wherein said display device is incorporated into a portable information terminal.

150. (Previously Presented) A semiconductor device according to claim 145, wherein said display device is incorporated into a car audio set.

151. (Previously Presented) A semiconductor device according to claim 145, wherein said display device is incorporated into a digital camera.

152. (Currently Amended) A semiconductor device comprising:

first to x-th (x: natural number, $x \geq 2$) units, each of the first to x-th units comprising:

a plurality of latch circuits;

a plurality of stages of a shift register which output pulses in accordance with clock signals, wherein the pulses decide timing of latching of the plurality of latch circuits; [[and]]

a plurality of level shifters for executing level conversion of signals inputted into the plurality of latch circuits; circuits; and

a current source for controlling supply of current to the plurality of level shifters,

wherein each of the first to x-th units the current source in one unit is configured to stop supply of currents to the plurality of level shifters while the plurality of stages of the shift register in the other units output the pulses.

153. (Canceled)

154. (Previously Presented) A semiconductor device according to claim 152, wherein said semiconductor device is a liquid crystal display device.

155. (Previously Presented) A semiconductor device according to claim 152, wherein said display device is incorporated into a personal computer.

156. (Previously Presented) A semiconductor device according to claim 152, wherein said display device is incorporated into a portable information terminal.

157. (Previously Presented) A semiconductor device according to claim 152, wherein said display device is incorporated into a car audio set.

158. (Previously Presented) A semiconductor device according to claim 152, wherein said display device is incorporated into a digital camera.

159. (Currently Amended) A semiconductor device comprising:
a first unit comprising:

a plurality of first latch circuits;

a plurality of first stages of a decoder which output pulses in accordance with input signals, wherein the pulses decide timing of latching of the plurality of first latch circuits; [[and]]

a plurality of first level shifters for executing level conversion of signals inputted into the plurality of first latch circuits; and

a first current source for controlling supply of current to the plurality of first level shifters; and

a second unit comprising:

a plurality of second latch circuits;

a plurality of second stages of the decoder which output pulses in accordance with the input signals, wherein the pulses decide timing of latching of the plurality of second latch circuits; [[and]]

a plurality of second level shifters for executing level conversion of signals inputted into the plurality of second latch circuits; circuits; and

a second current source for controlling supply of current to the plurality of second level shifters.

wherein the first [[unit]] current source is configured to stop supply of currents to the plurality of first level shifters while the plurality of second stages of the decoder output the pulses, and

wherein the second [[unit]] current source is configured to stop supply of currents to the plurality of second level shifters while the plurality of first stages of the decoder output the pulses.

160. (Canceled)

161. (Previously Presented) A semiconductor device according to claim 159, wherein said semiconductor device is a liquid crystal display device.

162. (Previously Presented) A semiconductor device according to claim 159, wherein said display device is incorporated into a personal computer.

163. (Previously Presented) A semiconductor device according to claim 159, wherein said display device is incorporated into a portable information terminal.

164. (Previously Presented) A semiconductor device according to claim 159, wherein said display device is incorporated into a car audio set.

165. (Previously Presented) A semiconductor device according to claim 159, wherein said display device is incorporated into a digital camera.

166. (Currently Amended) A semiconductor device comprising:

first to x-th (x: natural number, x ≥ 2) units, each of the first to x-th units comprising:

a plurality of latch circuits;

a plurality of stages of a decoder which output pulses in accordance with input signals, wherein the pulses decide timing of latching of the plurality of latch circuits; [[and]]

a plurality of level shifters for executing level conversion of signals inputted into the plurality of latch circuits; circuits; and

a current source for controlling supply of current to the plurality of level shifters.

~~wherein each of the first to x-th units the current source in one unit~~ is configured to stop supply of currents to the plurality of level shifters while the plurality of stages of the decoder in the other units output the pulses.

167. (Canceled)

168. (Previously Presented) A semiconductor device according to claim 166, wherein said semiconductor device is a liquid crystal display device.

169. (Previously Presented) A semiconductor device according to claim 166, wherein said display device is incorporated into a personal computer.

170. (Previously Presented) A semiconductor device according to claim 166, wherein said display device is incorporated into a portable information terminal.

171. (Previously Presented) A semiconductor device according to claim 166, wherein said display device is incorporated into a car audio set.

172. (Previously Presented) A semiconductor device according to claim 166, wherein said display device is incorporated into a digital camera.

173. (Previously Presented) A display device according to claim 1, wherein said source signal line driving circuit comprises thin film transistors.

174. (Previously Presented) A display device according to claim 10, wherein said source signal line driving circuit comprises thin film transistors.

175.-176. (Canceled)

177. (Previously Presented) A display device according to claim 73, wherein said source signal line driving circuit comprises thin film transistors.

178. (Previously Presented) A display device according to claim 82, wherein said source signal line driving circuit comprises thin film transistors.

179.-188. (Canceled)